

# Biological Sciences Overview Term 1 2017 Burnside



Year Group	Area 1 of Biological Science Abby & Eleanor	Area 2 of Biological Science In class
Reception	Living things have basic needs, including food and water (ACSSU002) <b>Animals including humans</b>	Living things have basic needs, including food and water (ACSSU002) <b>Plants – germination process</b>
Year 1	Living things have a variety of external features (ACSSU017) <b>Living things and their habitat – mini-beasts</b>	Living things live in different places where their needs are met (ACSSU211) <b>Features of plants and animals</b>
Year 2	Living things grow, change and have offspring similar to themselves (ACSSU030) <b>Growing and Changing</b> What Happens when we Grow and Change?	Living things grow, change and have offspring similar to themselves (ACSSU030) <b>Life cycles</b> What can grow?
Year 3	Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044) <b>Animals including humans – living and non-living</b> Is it Alive?	Science knowledge helps people to understand the effect of their actions (ACSHE051) <b>'Birds at Burnside'</b>
Year 4	Living things have life cycles (ACSSU072) <b>Living things in their environment- life cycles</b>	Living things, including plants and animals, depend on each other and the environment to survive (ACSSU073) <b>Living things in their environment – habitats, food chains and feeding relationships and human impact</b>
Year 5	Living things have structural features and adaptations that help them to survive in their environment (ACSSU043) <b>Adaptations – animals</b> <b>plants and the factors (climate and soil conditions) affecting plant growth</b>	Living things have structural features and adaptations that help them to survive in their environment (ACSSU043) <b>Adaptations – plants and the factors affecting plant growth</b>
Year 6	The growth and survival of living things are affected by the physical conditions of their environment (ACSSU094) <b>Micro-organisms</b> <b>Research topic – hibernation and migration</b>	The growth and survival of living things are affected by the physical conditions of their environment (ACSSU094) <b>Green plants – soils types</b> <b>Research – topic extreme environments</b>
Year 7	Interactions between organisms can be described in terms of food chains and food webs; human activity can affect these interactions (ACSSU112) Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management (ACSHE121) <b>Farming for the future</b>	There are differences within and between groups of organisms: classification helps organise this diversity (ACSSU111) Interactions between organisms can be described in terms of food chains and food webs; human activity can affect these interactions (ACSSU112) <b>Classification</b> <b>Food chains &amp; webs</b> <b>Research project – Palm Oil</b>